

Injury-related Hospital Discharges¹

2014

Injury Surveillance Program, Massachusetts Department of Public Health

Released: December 2015

MASSACHUSETTS RESIDENTS²

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ⁴
	Uninten- tional	Intentional		Undeter- mined	Other & Legal ³			
		Self- Inflicted	Assault					
Cut/pierce	488	531	267	<11	<11	1,296	2.3%	19.2
Drowning/submersion	22	<11	0	0	0	<32	0.0%	0.4
Fall	26,028	22	<11	<11		26,061	46.3%	386.4
Fire/burn	547	22	<11	<23		588	1.0%	8.7
<i>Fire/flame</i>	172	17	<11	<11		202	0.4%	3.0
<i>Hot object/substance burn</i>	375	<11	<11	<11		386	0.7%	5.7
Firearms	38	<11	179	<11	<11	239	0.4%	3.5
Machinery	129					129	0.2%	1.9
Natural/environmental	1,197	<11		<45		1,239	2.2%	18.4
<i>Dog bites</i>	189	0		0		189	0.3%	2.8
<i>Other bites & stings</i>	548	0		0		548	1.0%	8.1
<i>All other</i>	460	<11		<45		502	0.9%	7.4
Overexertion	596					596	1.1%	8.8
Poisoning/overdose	2,965	3,299	<11	<997	0	7,165	12.7%	106.2
Struck by, against	1,026		549		13	1,588	2.8%	23.5
Suffocation/hanging	678	41	<11	<11		727	1.3%	10.8
Transport Injuries:	3,734	<11	<11	<11		3,745	6.7%	55.5
<i>Motor vehicle traffic-related</i>	2,904	<11	<11	<11		2,915	5.2%	43.2
<i>Occupant</i>	1,727					1,727	3.1%	25.6
<i>Motorcyclist</i>	436					436	0.8%	6.5
<i>Pedal Cyclist</i>	110					110	0.2%	1.6
<i>Pedestrian</i>	478					478	0.9%	7.1
<i>Other person</i>	18					18	0.0%	0.3
<i>Unspecified person</i>	135					135	0.2%	2.0
<i>Pedal cyclist, other</i>	354					354	0.6%	5.2
<i>Pedestrian, other</i>	43					43	0.1%	0.6
<i>Other transport</i>	433					433	0.8%	6.4
Other specified & classifiable	2,383	<11	159	<11	<11	2,557	4.5%	37.9
<i>Human bites</i>	46		55			101	0.2%	1.5
<i>Other specified & classifiable</i>	2,337	<11	104	<11	<11	2,456	4.4%	36.4
Other specified, not classifiable	1,097	160	239	93	19	1,608	2.9%	23.8
Unspecified	3,161	18	145	<11	0	<3,334	5.9%	49.4
Adverse effects ⁵						2,200	3.9%	32.6
Cause or intent not provided						3,135	5.6%	46.5
TOTALS ⁶	44,089	4,129	1,559	1,072	47	56,231	100.0%	833.6
RATE BY INTENT/per 100,000	653.6	61.2	23.1	15.9	0.7			

Data Source: Massachusetts Hospital Discharge Database, Center for Health Information and Analysis (CHIA). Data are collected and reported by fiscal year (Oct. 1, 2013 - Sept. 30, 2014). Data do not include patients subsequently transferred to another hospital or who died.

- Counts represent the number of injury-related *hospital discharges*, rather than the number of individuals treated. This is because individuals may be counted more than once if they have multiple hospitalizations in the same year for the same or different injuries.
Injury case definition: ICD-9-CM code of 800-909.2, 909.4, 909.9, 910-994.9, 995.50-995.59 or 995.80-995.85 in any diagnosis field.
Injury categories are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data."
- Massachusetts residents treated at a MA acute care hospital during this time period.
- Legal Intervention includes injuries resulting from police actions and operations of war.
- Crude rates per 100,000 MA residents are based on the 2014 postcensal estimate for the MA population of 6,745,408 (U.S. Census Data from, the Missouri Census Data Bureau). Counts of less than 11 and associated counts are suppressed due to CHIA data confidentiality guidelines.
Rates based on counts of less than twenty may be unstable.
- Adverse effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).
- Totals do not include subcategory (italicized) counts.